

Facts 1981

Southern Illinois University
at Carbondale

SIU



Intercollegiate Athletics for Men

The SIUC Salukis, members of the Missouri Valley Conference, are well known on the national level in all eleven men's intercollegiate sports. The University boasts some of the nation's finest facilities for athletics—the 20,000 seat McAndrew Stadium, the 10,014 seat SIU Arena, Abe Martin Field, and the \$9 million Student Recreation Center, which houses the rapidly expanding swimming program. Many former Salukis—Walt Frazier, Jim Hart, Joe Meriweather, Ivory Crockett, Mike Glenn, George Woods, Bob Roggy, Duane Kuiper, Houston Antwine, and Carl Mauck—have gone on to outstanding professional and international sports careers.

Intercollegiate Athletics for Women

The Women's Intercollegiate Athletics program at SIUC allows athletes to compete in eleven intercollegiate sports at state, regional, and national levels, while competing in as many as three sports in a school year.

During 1980 the SIUC gymnastics team captured IAIWA State and Midwest Regional crowns, ranking 11th nationally. In badminton, field hockey, swimming and diving, and track, SIUC fielded a number of elite participants at AIAW Division I National Championships. Julia Warner, a senior diver from Louisville, Ky., was accorded All America honors, and SIUC hosted the 1980 AIAW Division I National Field Hockey Championship.

Meanwhile, Governor Thompson granted final approval for the \$3.35 million renovation of Davies Gym, the traditional home of WIA at SIUC.

Development and Services

The Development Office directs and coordinates all fund-raising activities for the University from nongovernmental sources, including both cash and gifts-in-kind of equipment, land, and other tangible items.

Area Services provides a liaison between the University and communities in Southern Illinois and throughout the world. A number of community leaders are becoming "ambassadors" for SIUC, seeking to identify situations in which their communities and the University might coordinate resources for mutual benefit.

Alumni Services has moved into new quarters in the Student Center. It publishes The Alumnus, sponsors alumni clubs around the world, coordinates the annual Homecoming, presents the Alumni Achievement Awards and the Great Teacher Award, directs alumni fund raising, provides professional assistance to alumni, and presents such programs as alumni tours and camping.

Southern Illinois University Foundation

The Southern Illinois University Foundation, although established to serve the University, is independent of the University and organized on a nonprofit basis, with tax deductibility for contributions. Major foundation activities include solicitation of gifts for the advancement of scientific, literary, and educational purposes, student scholarships and loans, rare books and library collections, and academic chair endowments; patent and copyright protections for faculty inventions and publications; estate planning services; procurement of equipment and real property; and providing of unrestricted funds for use where there is need. Foundation offices are located at 909 West Chautauqua.

Morris Library

Some 1,500,000 printed volumes, more than 1,600,000 microtext units, and over 16,500 current periodical subscriptions, plus other nonbook formats and items, make Morris Library one of the largest open-shelf, subject-division, academic libraries under one roof in this country.

The library is also a depository for federal, state, and United Nations documents. Special Collections contain first editions, manuscripts, and other primary research materials on James Joyce, D. H. Lawrence, Lawrence Durrell, and Henry Miller, works on American expatriate writers and Ulysses S. Grant, the John Dewey archives, and other modern American philosophy collections. The library also provides on-line computer-based bibliographic and reference services in support of faculty and student research.

Learning Resources Service incorporates instructional design assistance for faculty, student media production, self-instruction facilities, film library, and equipment to support academic programs.

SIUC Broadcasting Service

The SIUC Broadcasting Service operates two full-power, full-color television stations and one regional FM-stereo radio station. WSIU-TV, channel 8 in Carbondale and WUSL-TV, channel 16 in Olney, are affiliated with the Public Broadcasting Service and have an audience of more than 1½ million in their coverage area of 51 counties. WSIU-FM is affiliated with National Public Radio and serves an audience of more than 1¼ million in its broadcast reach of 36 counties.

Computing Affairs

Computers touch almost every phase of life at SIUC. Many of the academic departments make major use of the computer within their disciplines, and computer skills degree programs are available through the School of Technical Careers and the Department of Computer Science.

Institutional Research and Studies is involved with the development of institutional studies and information systems and the planning, coordinating, and review of research relating to the operation and improvement of the University.



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Instruction Evaluation provides faculty members with test scoring and item analysis, assistance in the collection and storage of data through the designing and use of scan forms, and instructor evaluation analysis.

University Calendar

SPRING SEMESTER, 1981

Classes begin	Wednesday, January 14
Lincoln's Birthday holiday	Thursday, February 12
Spring vacation	Saturday, March 14–Sunday, March 22
Classes end	Friday, May 1
Final examinations	Monday, May 4–Friday, May 15
Commencement	Saturday, May 16

SUMMER SESSION, 1981

Classes begin	Monday, June 15
Independence Day holiday	Friday, July 3
Final examinations	Thursday and Friday, August 6–7
Commencement	Saturday, August 8

FALL SEMESTER, 1981

Classes begin	Monday, August 24
Labor Day holiday	Monday, September 7
Thanksgiving vacation	Saturday, November 21–Monday, November 30
Final examinations	Monday, December 14–Friday, December 18

SPRING SEMESTER, 1982

Classes begin	Monday, January 18
Lincoln's Birthday holiday	Friday, February 12
Spring vacation	Saturday, March 13–Monday, March 22
Final examinations	Monday, May 10–Friday, May 14
Commencement	Saturday, May 15

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Brief History

Southern Illinois University at Carbondale was chartered as a normal school in 1869 and opened for classes in 1874. University powers were granted in 1943, and the name was changed to Southern Illinois University in 1947. The University's first board of trustees was appointed in 1949. The first doctoral degree was awarded in 1959, and final legislative restrictions on degree programs were removed in 1963. In June, 1969, the University received approval to develop schools of law and medicine. During its 112-year history the University has had twelve presidents: Robert Allyn, 1874–92; John Hull, 1892–93; Harvey W. Everest, 1893–97; Daniel B. Parkinson, 1897–1913; Henry W. Shryock, 1913–35; Roscoe Pulliam, 1935–44; Chester F. Lay, 1945–48; Delyte W. Morris, 1948–1970; Robert G. Lyster, 1971–72; David R. Derge, 1972–74; Hiram H. Lesar, 1974, 1979–80; Warren W. Brandt, 1974–79.

Admissions Policy for Undergraduates

The admission of freshmen to the University is based upon test scores or a combination of class rank and test scores. Transfer students are considered for admission on the basis of the number of transfer credits completed and their grade-point average.

Because it is possible to complete a substantial part of most undergraduate programs at junior or community colleges, the University welcomes qualified students who wish to transfer from these institutions. SIUC is accredited by the North Central Association of Colleges and Secondary Schools and has memberships in all major associations for higher education.

For further information concerning admission to the University phone 618-453-4381.

Undergraduate Instructional Units

School of Agriculture. Majors are offered in agricultural education and mechanization, agribusiness economics, animal industries, plant and soil science, forestry, and general agriculture. Resources include nearly 2,000 acres of farm and timber land, over 15,500 square feet of greenhouse space, and centers for each of six species of livestock and for agronomy, horticulture, and forestry. The newly remodeled Agriculture Building holds laboratories and computing facilities for students and faculty. The U.S. Forestry Science Laboratory on campus and the public forest lands of Southern Illinois are resources for field study, research, and practical laboratory experience.

College of Business Administration. This unit is one of the largest within SIUC, and offers a complete range of accredited academic programs, including undergraduate degrees in accountancy, administrative sciences, finance, and marketing, the Master of Business Administration, and a master's in accounting. Approval was granted in 1980 for a Doctor of Business Administration degree. The curricula emphasize a broad range of applications in business, government, and public service organizations. In recent years the college has been very active in international management training, effects of which are reflected in its programs.

College of Communication and Fine Arts. Through radio and television broadcasts, the daily campus newspaper, art and photography exhibits, concerts, plays, film showings, staged musicals, and operas, the college informs and entertains an estimated 13 million people in Southern Illinois and contiguous areas each year. These presentations provide students with actual experience through performances or exhibits of creative work in their major fields: art, cinema and photography, journalism, music, radio-television, speech communication, speech pathology and audiology, and theater. Master's degrees are offered in all fields. Doctorates are available in journalism, speech communication/theater, and speech pathology and audiology.

College of Education. The oldest academic unit within the University, which started as a teacher's college in 1869, the college includes the following departments: curriculum, instruction and media, educational leadership, guidance and educational psychology, health education, higher education, physical education, recreation, special education, and vocational education studies. Academic offerings include 29 baccalaureate programs, 30 master's degree programs, four education specialist programs, and 13 concentrations in the Ph.D.

College of Engineering and Technology. Engineering and technology programs clearly represent the most up-to-date definitions of modern engineering, engineering technology, industrial technology, and mining technology curricula. Programs prepare graduates for a wide range of jobs in industry and government agencies. A new undergraduate specialization in mining engineering is especially significant for the coal-producing regions of Southern Illinois and for a nation urgently concerned with efficient management and conservation of energy reserves.

College of Human Resources. The Division of Comprehensive Planning and Design includes apparel design, clothing and textiles, interior design, retailing, visual communication, and urban and product design. The Division of Human Development offers child care and family services, family economics and management, and food and nutrition. The Division of Social and Community Services offers the B.S. in social welfare, the M.S. in community development, and a minor in black American studies. The Center for the Study of Crime, Delinquency, and Corrections offers training in crime prevention, law enforcement, courts, judicial administration, and corrections. The Rehabilitation Institute offers the M.A., the M.S., and the Rh.D. in areas of behavioral, social, and medical sciences. The Evaluation and Development Center offers students experience in working with a variety of physical disorders.

College of Liberal Arts. One of the most diversified units at SIUC, the College of Liberal Arts offers programs in the traditional disciplines in humanities and social sciences, as well as a specialization in environmental planning within geography, an outstanding computer science program, and a diversified mathematics program through the post-doctoral level. A minor in museum studies has been added, and anthropologists continue digging to locate and preserve historical artifacts.

College of Science. Strong programs in biological sciences, botany, chemistry, biochemistry, geology, microbiology, physiology, and zoology are available. Graduate programs are offered in each of these fields and in molecular science. Specializations include plant physiology, fisheries, wildlife, paristology, pharmacology, anatomy, analytical chemistry, and solid state physics. Facilities recently completed include recombinant DNA, protein, and enzyme research laboratories, the Electron Microscopy Center, and the Coal Research Center. The College of Science receives over \$4,000,000 per year in research support from external sources.

School of Technical Careers

More than 3,000 career-oriented students are enrolled in baccalaureate and associate degree programs conducted by the School of Technical Careers, a unit unique to SIUC among institutions of higher learning. The school continues to develop programs with community colleges, such as the one-plus-one transfer arrangement which permits students to complete work at STC in high-cost programs on the associate level, and the bachelor of science in technical careers program which allows community college graduates in technical fields to complete the bachelor's degree. More than 1,500 individuals at locations throughout the nation are STC students working toward bachelor's degrees in health, aviation, electronics, and fire science.

General Academic Programs

The *General Studies Division* coordinates the University's general education course requirements.

Pre-major Advisement is the academic home of students who have not yet declared a major. Its advisers help students select areas of specialization.

The *University Studies Degree* program provides for undergraduates not wishing to specialize in a particular discipline a nontraditional means toward an individualized baccalaureate degree.

The *Special Majors* baccalaureate degree is available for students wishing to design their own majors.

The *University Honors Program* seeks to identify students of outstanding academic potential and to provide appropriate opportunities for their development, creating a distinctive education experience for students with high motivation, talent, and interest in interdisciplinary or high-level studies at the undergraduate level.

Special Supportive Services offers academic counseling and assistance to students with academic potential who are from indigent or culturally different backgrounds.

The *Center for Basic Skills* offers courses, workshops, and tutorial assistance for any student experiencing general learning difficulties.

Talent Search is a federally funded project that identifies, assists, counsels, motivates, and provides college visitation for secondary-school students of the Southern Illinois area.

Upward Bound works with Southern Illinois high-school students to fill lapses in their academic, cultural, and socio-economic backgrounds, preparing them for post-secondary education and related career choices.

Professional Schools

SCHOOL OF LAW

Instruction in the School of Law began in September, 1973, and the first class was graduated in May, 1976. The school offers a three-year curriculum leading to the J.D. degree. A new School of Law building will be completed in 1981; enrollment capacity is 450.

SCHOOL OF MEDICINE

The School of Medicine was established in 1969 and graduated its first class in 1975. The first year of the program, conducted on the Carbondale campus, focuses on the sciences basic to medicine. The clinical years of the undergraduate program, leading to the M.D. degree, as well as twelve of the residency programs, are offered in Springfield, Illinois.

Graduate Education and Research

Southern Illinois University at Carbondale is a comprehensive university with an extensive offering of graduate programs and a significant commitment to an overall program of research. The Graduate School offers master's degrees through sixty-five programs, specialist's degrees in four areas, and doctoral degrees through twenty-two programs, all fully accredited. More than 3,600 graduate students pursue advanced study and research under the direction of some 900 graduate faculty members. For further information concerning graduate study write to the Graduate School, Southern Illinois University at Carbondale, Carbondale, IL 62901.

The University continues to expand its commitment to research and creative work to meet the needs and enrich the lives of people in the region, the nation, and the world. External support from federal, state, and private sources for research and training increased to over \$26 million in 1980. A special internal research-support program provides funds for faculty research which may develop into externally fundable proposals. In addition, research services and shops are maintained to support the entire research program; these include electron microscopy, scientific photography and illustration, a vivarium, a fine instruments shop, and a glass-blowing shop.

Division of Continuing Education

The University conducts one of the largest continuing education programs in the United States. The division administers all off-campus credit programs, conducts all credit-free activities of the University, both on and off campus, and operates a 6,000-acre residential environmental education center.

Credit programs. The division conducts degree credit programs at 92 locations in 21 states, serving 10.8% of the University's enrollment. Baccalaureate programs for armed services personnel are offered at 41 military bases, and courses are offered at both state and federal penitentiaries. Travel-study programs conducted throughout North and South America, Eurasia, and the Pacific this year offered credit in five academic disciplines.

Credit-free programs. During the past year the division has enrolled 94,785 participants in 1,134 credit-free programs such as conferences, workshops, symposia, youth camps, adult education, and apprenticeship training courses. A community listener's permit program offered through the division opens SIUC classrooms to the community, giving people of all ages the opportunity to sit in credit classes of their choice for a nominal fee.

International Education

The Office of International Education is responsible for promoting the international programs of the University. It encourages the international endeavors of individual students and faculty members and facilitates and supports the international projects of departments, schools, and colleges. Major areas of activity include international educational exchange, international research and service projects, interinstitutional cooperation on international programs, and intercultural understanding. Approximately 1600 students from 95 countries outside the United States are pursuing degrees at SIUC.

Degrees Awarded

In 1980 the University awarded 573 associate degrees, 4203 bachelor's degrees, 650 master's degrees, 149 doctor's degrees, and 154 professional degrees. In all, 5729 degrees were awarded at the spring and summer commencement ceremonies.

Enrollment, Fall Semester 1980

Freshmen	5,250
Sophomores	4,646
Juniors	4,212
Seniors	5,198
Unclassified	186
Total	19,492
Graduate	3,283
Professional	461
Total Enrollment	23,236
Illinois resident	19,544
Non-resident	3,692
On-campus	21,144
Off-campus	2,092
Male	14,420
Female	8,816

Faculty and Staff, Fall Semester, 1980

<i>Faculty Administrative</i>	
Full-time with academic rank	1,460
Full-time without academic rank	429
Part-time with academic rank	239
Part-time without academic rank	83
Part-time graduate assistants	1,395
Total Faculty Administrative	3,606
<i>Civil Service</i>	
	2,428
Total	6,034

Physical Plant, June 30, 1980

<i>Land</i>	
Owned acres	6,990
Value	\$11,757,452
SIUC Foundation-owned acres	211
<i>Buildings</i>	
Number of permanent	148
Number of temporary	227
Value	\$173,454,771
<i>Improvements</i>	
	\$13,036,916
<i>Equipment</i>	
	\$68,670,409
Total Plant Value	\$266,909,548

Operations Budget FY 1981

<i>Current Funds</i>	
Unrestricted	
State Appropriations—Education & General	\$107,771,300
State Appropriations—Student Aid	341,000
Non-Appropriated—Education & General	3,113,400
Revenue Bond—Auxiliary Enterprises	17,241,454
Other Auxiliary Enterprises & Activities	19,246,432
Restricted	
Non-Appropriated—Education & General	20,126,400
Non-Appropriated—Student Aid	2,255,000
Total Expendable Funds	\$170,094,986

Student Affairs

STUDENT LIFE

This unit serves as a resource center for students who need assistance with University procedures; it has responsibility for student discipline, undergraduate withdrawals, the Office of Student Development, the Student Recreation Center, and Intramural/Recreational Sports.

STUDENT WORK AND FINANCIAL ASSISTANCE

<i>Work, Loans, Grants</i>	
Student work (non-federal)	\$5,322,037
College-work study	2,136,241
National Direct Student Loan	650,000
Supplemental Educational Opportunity Grant	217,456
Basic Educational Opportunity Grant	5,800,504
Illinois Guaranteed Loan Program	9,029,640
<i>Scholarships and Tuition Awards</i>	
NCAA and AIAW	627,000
SIUC scholarships and awards	231,466
Illinois State Scholarship Commission Award	2,715,894
Tuition awards—state programs	1,012,712
Other scholarships, grants, awards (primarily graduate assistantships and tuition)	7,413,610
Total	\$35,156,560

ESTIMATED STUDENT EXPENSES FOR 1981-82

For a single student living in a residence hall, the estimated nine-month expenses at SIUC are as follows:

Tuition and fees (Illinois resident)	\$1,050
(non-resident)	\$2,456
Room and board	2,004
Books and supplies	300
Personal expenses and transportation	1,000
Estimated total (Illinois resident)	4,354
Estimated total (non-resident)	5,760

STUDENT HEALTH PROGRAM

The major thrusts of this program are to assist students in staying well, to assist students in caring for themselves when ill, and to provide quality medical care when it is needed.

HOUSING

University on-campus housing is available for 5,000 single students and 607 married students.

STUDENT CENTER

In support of educational goals, the Student Center provides services to students, faculty, staff, and guests. Serving over 4,750,000 people and 6,500 events annually, the Student Center houses University programming, Student Development, Student Government, and other recognized student organizations. Services include a bookstore, a recreation center, snack, dining, and catering facilities, a craft shop, an auditorium, meeting rooms, exhibit areas, ticket sales/check-cashing service, lockers, lounges, and study space.

STUDENT SERVICES

This unit provides direction and administrative support for the Career Planning and Placement Center, the Counseling Center, Specialized Student Services, and Women's Programs.